

$\$3,688,050 - (\$260,000 + \$368,805) = \$3,059,245$

HAMILTON TOWNSHIP MUNICIPAL AUTHORITY  
FRANKLIN COUNTY, PENNSYLVANIA

SCHEDULE OF GRANT PAYMENTS

<u>Months After Grant Offer</u>	<u>Estimated Grant Payment</u>
1	\$ 260,000
3	30,500
4	30,500
5	61,200
6	76,400
7	76,400
8	107,100
9	122,300
10	183,500
11	229,400
12	260,100
13	260,100
14	321,200
15	413,000
16	305,900
17	275,300
18	152,900
19	107,100
20	46,300
21	
22	
23	<u>368,850</u>
TOTAL	\$3,688,050

April 22, 1977

HAMILTON TOWNSHIP MUNICIPAL AUTHORITY  
FRANKLIN COUNTY  
PENNSYLVANIA

REVISED  
JUNE 18, 1975

PROJECT COST BREAKDOWN

<u>ITEM</u>	<u>Estimated Cost</u>	<u>For Grant Participation</u>
1. <u>Construction</u>		
Contract No. 1 - C'burg. Basin - Pipelines	\$ 2,432,628	\$ 2,347,113
Contract No. 2 - C'burg. Basin - Pump Stations	316,740	316,740
Contract No. 1 - Cashtown Basin - Pipelines	139,587	137,090
Contract No. 2 - Cashtown Basin - S.T.P.	<u>281,094</u>	<u>281,094</u>
Total Construction	\$ 3,170,049	\$ 3,082,037
\$3,082,037/\$3,170,049 x 100 = 97.2% Eligible for Grant Participation		
2. <u>Basic Engineering Fee</u>	\$ 312,535	\$ 303,784
\$312,535 x 97.2% = \$303,784		
3. <u>Other Engineering Fee</u>	\$ 12,500	\$ <sup>12,150</sup> <del>12,500</del>
\$12,500 x 97.2% = \$12,150		
4. <u>Administrative</u>	\$ 35,000	\$ 21,670
[\$35,000 - \$12,500 (PennDOT Inspection)] x 97.2% = \$21,670		
5. <u>Contingency</u>	\$ 160,000	\$ <sup>159,959</sup> <del>160,000</del>
6. <u>Sites &amp; Rights-Of-Way</u>	<u>\$ 40,000</u>	<u>-----</u>
	\$ 3,730,084	\$ <del>3,579,641</del> 3,579,600

Grant Computation

\$3,579,600 x 75% = ~~\$2,684,731 say~~

\$2,684,700

Cost Breakout

	<u>Total Estimated Costs</u>	<u>Less: Cashtown Facilities</u>	<u>Net Costs</u>	<u>For Grant Participat</u>
G. <u>Contingency</u> \$4,225,820 x .05 =	\$ 400,000	\$ 19,300	\$ 380,700	\$ 211,291 <sup>295</sup>
H. <u>Interest During Construction</u> <sup>NFP</sup> 275,000		-----	\$ 275,000	-----
I. <u>Capital Contribution</u> <sup>NFP</sup> \$ 350,000		-----	\$ 350,000	-----
J. <u>Refinance Exist. Loan</u> <sup>NFP</sup> \$ 275,000		-----	\$ 275,000	-----
K. <u>Sites &amp; R/W</u> <sup>NFP</sup> \$ 75,000	\$ 75,000	\$ 7,500	\$ 67,500	-----
	\$6,874,196	\$572,400	\$6,301,796	<del>\$4,942,299</del>
Grant Calculation				\$4,942,31
\$4,942,299 x .75 = \$3,706,724				
say \$3,706,720 ✓				

UPDATED & REVISED PROJECT COSTS W/CASHTOWN FACILITIES DELETED

	Total Estimated Costs	Less: Cashtown Facilities	Net Costs	For Grant Participat
<b>A. Construction</b>				
1. Pipelines	\$4,095,000	\$197,700	\$3,897,300	\$3,725,820
2. Pumping Stations	500,000	-----	500,000	500,000
3. S.T.P.	325,000	325,000	-----	-----
	\$4,920,000	\$522,700	\$4,397,300	\$4,225,820
$\$4,225,820 / \$4,397,300 \times 100 = 96.1\% \text{ Eligible}$				
<b>B. Basic Engineering Fee</b>	\$ 310,550	\$ 15,000	\$ 295,550	\$ 284,024
$\$295,550 \times .961 = \$284,024$				
<b>C. Other Engineering Services</b>				
1. Facilities Plan	\$ 10,993	-----	\$ 10,993	\$ 10,993
100% eligible for grant participation				
2. Aerial Mapping	\$ 24,647	-----	\$ 24,647	\$ 23,686
$\$24,647 \times .961 = \$23,686$				
3. Surveying	\$ 51,006	-----	\$ 51,006	\$ 49,017
$\$51,006 \times .961 = \$49,017$				
4. O & M Manual	\$ 10,000	-----	\$ 10,000	\$ 10,000
100% eligible				
5. FmHA Application <i>NFP</i>	\$ 2,500	-----	\$ 2,500	-----
6. Intermunicipal Agreements	3,500	-----	\$ 3,500	\$ 3,364
$\$3,500 \times .961 =$				
7. I/I Work	\$ 1,000	-----	\$ 1,000	\$ 1,000
<b>D. Supervision &amp; Inspection</b>	\$ 80,000	\$ 3,800	\$ 76,200	\$ 73,228
$\$76,200 \times .961 =$				
<b>E. Administrative</b>	\$ 10,000	\$ 500	\$ 9,500	\$ 9,130
$\$9,500 \times .961 =$				
<b>F. Legal</b>	\$ 75,000	\$ 3,600	\$ 71,400	\$ 40,746
$\$71,400 - (\$14,000 \text{ R/W work} + \$15,000 \text{ financing}) = \$42,400 \times .961 =$				

\$3,688,050 - (\$260,000 + \$368,805)=\$3,059,245

HAMILTON TOWNSHIP MUNICIPAL AUTHORITY  
FRANKLIN COUNTY, PENNSYLVANIA

SCHEDULE OF GRANT PAYMENTS

<u>Months After Grant Offer</u>	<u>payment number</u>	<u>date</u>	<u>Estimated Grant Payment</u>	<u>cumulative amount</u>
1	1	6/77	\$ 260,000	260,000
3	2	8/77	30,500	290,500
4	3	9/77	30,500	321,000
5	4	10/77	61,200	382,200
6	5	11/77	76,400	458,600
7	6	12/77	76,400	535,000
8	7	1/78	107,100	642,100
9	8	2/78	122,300	764,400
10	9	3/78	183,500	947,900
11	10	4/78	229,400	1,177,300
12	11	5/78	260,100	1,437,400
13	12	6/78	260,100	1,697,500
14	13	7/78	321,200	2,018,700
15	14	8/78	413,000	2,431,700
16	15	9/78	305,900	2,737,600
17	16	10/78	275,300	3,012,900
18	17	11/78	152,900	3,165,800
19	18	12/78	107,100	3,272,900
20	19	1/79	46,300	3,319,200
21	<del>20</del>	1/79		
22				
23	20	4/79	368,850	3,688,050
TOTAL			\$3,688,050	

April 22, 1977

HAMILTON TOWNSHIP MUNICIPAL AUTHORITY  
FRANKLIN COUNTY, PENNSYLVANIA

June 18, 1975

SCHEDULE OF GRANT REQUESTS

<u>Months After Grant Approval</u>	<u>Amount Of Grant Request</u>
1	\$ 246,940
2	24,625
3	49,250
4	49,250
5	73,870
6	73,870
7	98,495
8	147,740
9	196,990
10	196,990
11	196,990
12	221,615
13	295,485
14	270,865
15	246,240
16	147,740
17	98,495
18	<u>49,250</u>
TOTAL GRANT	\$2,684,700

HAMILTON TOWNSHIP MUNICIPAL AUTHORITY  
FRANKLIN COUNTY, PENNSYLVANIA

ESTIMATED PERSONNEL  
AND  
OPERATION COSTS

1. OPERATIONS

Personnel

1. Chief Operator	\$10,200	
2. Operator	9,000	
3. Laborer	<u>7,280</u>	\$26,480

Utilities

Electric	\$ 7,000	
Propane	500	
Water	<u>120</u>	\$ 7,620

Chemicals \$ 3,500

Truck Operation & Maintenance 1,400

MRO Supplies & Tools 1,000

Total Operating Costs \$40,000

2. ADMINISTRATIVE

Personnel  
Clerical

\$ 7,280

Office Supplies & Stamps 1,500

Telephone 120

Insurance 3,500

Soc. Sec. & Employee Benefits 6,500

Audit 1,000

Miscellaneous 5,100

Total Administrative Costs \$25,000

Total Annual Costs \$65,000

ALTERNATE NO. 1

PIPELINE CONSTRUCTION

ELIGIBLE ITEMS

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
1	8" gravity sewer, Class 2400, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	43,779 LF	\$14.63	\$640,486.77

(Unit Price In Written Words)

2	8" gravity sewer, Class 2400, 6-8 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	28,066 LF	\$15.85	\$444,846.
---	--	-----------	---------	------------

(Unit Price In Written Words)

3	8" gravity sewer, Class 2400, 8-10 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	15,547 LF	\$17.21	\$267,563.8
---	---	-----------	---------	-------------

(Unit Price In Written Words)

4	8" gravity sewer, Class 2400, 10-12 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	7,743 LF	\$18.54	\$143,555.2
---	--	----------	---------	-------------

(Unit Price In Written Words)

5	8" gravity sewer, Class 2400, 12-14 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	4,426 LF	\$21.16	\$93,654.1
---	--	----------	---------	------------

(Unit Price In Written Words)



<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
6	8" gravity sewer, Class 2400, 14-16 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	2,401 LF	\$ <u>23.93</u>	\$ <u>57,455.93</u>
(Unit Price In Written Words)				
7	8" gravity sewer, Class 2400, 16-18 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	1,946 LF	\$ <u>30.40</u>	\$ <u>59,158.40</u>
(Unit Price In Written Words)				
8	8" gravity sewer, Class 2400, 18-20 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	750 LF	\$ <u>37.13</u>	\$ <u>27,847.50</u>
(Unit Price In Written Words)				
9	8" gravity sewer, Class 2400, 20-22 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	276 LF	\$ <u>43.83</u>	\$ <u>12,097.08</u>
(Unit Price In Written Words)				
10	8" gravity sewer, Class 2400, 22-24 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	61 LF	\$ <u>50.53</u>	\$ <u>3,082.33</u>
(Unit Price In Written Words)				

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
11	8" gravity sewer, Class 2400, 24-26 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>14 LF</u>	<u>\$57.28</u>	<u>\$801.92</u>

(Unit Price In Written Words)

12	8" gravity sewer, Class 3300, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>241 LF</u>	<u>\$15.68</u>	<u>\$3778.88</u>
----	--	---------------	----------------	------------------

(Unit Price In Written Words)

13	10" gravity sewer, Class 2400, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>3,131 LF</u>	<u>\$16.69</u>	<u>52,256.39</u> \$
----	---	-----------------	----------------	------------------------

(Unit Price In Written Words)

14	10" gravity sewer, Class 2400, 6-8 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>3,011 LF</u>	<u>\$18.56</u>	<u>55,884.16</u> \$
----	---	-----------------	----------------	------------------------

(Unit Price In Written Words)

15	10" gravity sewer, Class 2400, 8-10 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>903 LF</u>	<u>\$20.47</u>	<u>18,484.41</u> \$
----	--	---------------	----------------	------------------------

(Unit Price In Written Words)

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
16	10" gravity sewer, Class 2400, 10-12 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	350 LF	\$ <u>23.34</u>	\$ <u>8169-</u>

(Unit Price In Written Words)

17	10" gravity sewer, Class 2400, 12-14 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	109 LF	\$ <u>27.26</u>	\$ <u>2971.34</u>
----	---	--------	-----------------	-------------------

(Unit Price In Written Words)

18	12" gravity sewer, Class 2400, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	3,792 LF	\$ <u>20.23</u>	\$ <u>76,712.16</u>
----	---	----------	-----------------	---------------------

(Unit Price In Written Words)

19	12" gravity sewer, Class 2400, 6-8 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	3,149 LF	\$ <u>21.53</u>	\$ <u>67,797.9</u>
----	---	----------	-----------------	--------------------

(Unit Price In Written Words)

20	12" gravity sewer, Class 2400, 8-10 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	2,575 LF	\$ <u>23.34</u>	\$ <u>60,100.50</u>
----	--	----------	-----------------	---------------------

(Unit Price In Written Words)

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
21	12" gravity sewer, Class 2400, 10-12 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	680 LF	\$ <u>25.40</u>	<u>17,272.-</u>
(Unit Price In Written Words)				
22	12" gravity sewer, Class 2400, 12-14 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	378 LF	\$ <u>28.35</u>	<u>10716.30</u>
(Unit Price In Written Words)				
23	12" gravity sewer, Class 2400, 14-16 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	493 LF	\$ <u>31.09</u>	<u>15,327.37</u>
(Unit Price In Written Words)				
24	12" gravity sewer, Class 2400, 16-18 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	627 LF	\$ <u>34.80</u>	<u>21,819.60</u>
(Unit Price In Written Words)				
25	12" gravity sewer, Class 2400, 18-20 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	127 LF	\$ <u>40.68</u>	<u>5,166.36</u>
(Unit Price In Written Words)				

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
26	12" gravity sewer, Class 2400, 20-22 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving, and excluding permanent paving.	<u>40 LF</u>	\$ <u>46.48</u>	<u>1859.20</u> \$

(Unit Price In Written Words)

27	12" gravity sewer, Class 2400, 22-24 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving, and excluding permanent paving.	<u>66 LF</u>	\$ <u>52.28</u>	<u>3450.48</u> \$
----	--	--------------	-----------------	----------------------

(Unit Price In Written Words)

28	12" gravity sewer, Class 3300, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving, and excluding permanent paving.	<u>296 LF</u>	\$ <u>20.14</u>	<u>5961.44</u> \$
----	--	---------------	-----------------	----------------------

(Unit Price In Written Words)

29	14" gravity sewer, Class 2400, 0-6 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>356 LF</u>	\$ <u>23.28</u>	<u>8287.68</u> \$
----	---	---------------	-----------------	----------------------

(Unit Price In Written Words)

30	14" gravity sewer, Class 2400, 6-8 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>643 LF</u>	\$ <u>27-</u>	<u>17,361</u> \$
----	---	---------------	---------------	---------------------

(Unit Price In Written Words)

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
31	14" gravity sewer, Class 2400, 8-10 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	884 LF	\$ <u>30.25</u>	26,741- \$
<u>(Unit Price In Written Words)</u>				
32	14" gravity sewer, Class 2400, 10-12 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	803 LF	\$ <u>33.50</u>	26,900.50 \$
<u>(Unit Price In Written Words)</u>				
33	14" gravity sewer, Class 2400, 12-14 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	189 LF	\$ <u>36.20</u>	6841.80 \$
<u>(Unit Price In Written Words)</u>				
34	14" gravity sewer, Class 2400, 14-16 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	205 LF	\$ <u>38.96</u>	7986.80 \$
<u>(Unit Price In Written Words)</u>				
35	14" gravity sewer, Class 2400, 16-18 feet deep, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	34 LF	\$ <u>42.22</u>	1,435.48 \$
<u>(Unit Price In Written Words)</u>				

Item No.	Description	Estimated Quantity	Unit Price	Total Price
36	8", Class 150, cement lined, cast iron, force main, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>11,544</u> <u>12,755</u> LF	<u>\$22.50</u>	<u>259,740</u> \$

↑ blocking

(Unit Price In Written Words)

37	10", Class 150, cement lined, cast iron, force main, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	<u>4366</u> <u>2,282</u> LF	<u>\$27.50</u>	<u>120,065</u> \$
----	--	--------------------------------	----------------	----------------------

↑ blocking

(Unit Price In Written Words)

38	8" x 4" Wye, complete in place.	<u>704</u> Ea.	<u>\$17.50</u>	<u>12,320</u> \$
----	---------------------------------	----------------	----------------	---------------------

(Unit Price In Written Words)

39	10" x 4" Wye, complete in place.	<u>19</u> Ea.	<u>\$27.50</u>	<u>522.50</u>
----	----------------------------------	---------------	----------------	---------------

(Unit Price In Written Words)

40	12" x 4" Wye, complete in place.	<u>80</u> Ea.	<u>\$27.50</u>	<u>\$2200</u>
----	----------------------------------	---------------	----------------	---------------

(Unit Price In Written Words)

41	8" x 6" Wye, complete in place.	<u>2</u> Ea.	<u>\$20</u>	<u>\$40</u>
----	---------------------------------	--------------	-------------	-------------

(Unit Price In Written Words)

<del>42</del>	<del>4" PVC, Class 160, force main, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving, and excluding permanent paving.</del>	<del><u>3,046</u> LF</del>	<del>\$</del>	<del>\$</del>
---------------	--	----------------------------	---------------	---------------

(Unit Price In Written Words)

<del>43</del>	<del>4" PVC, Class 160, force main, complete in place including pipe, excavation, stone bedding, stone backfill, temporary paving, and excluding permanent paving.</del>	<del><u>270</u> LF</del>	<del>\$</del>	<del>\$</del>
---------------	--	--------------------------	---------------	---------------

(Unit Price In Written Words)

Item No.	Description	Estimated Quantity	Unit Price	Total Price
44	6", Class 150, cement lined, cast iron, force main, complete in place, including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.	15,015 <del>10,562</del> LF	\$17.50	262,762.50

↑ blocking

(Unit Price In Written Words)

<del>45</del>	<del>6", Class 150, cement lined, cast iron, force main, complete in place, including pipe, excavation, stone bedding, stone backfill, temporary paving and excluding permanent paving.</del>	<del>935 LF</del>	<del>\$</del>	<del>\$</del>
---------------	---	-------------------	---------------	---------------

(Unit Price In Written Words)

46	Precast concret manholes, 0-6 feet deep, complet with base, frame, and cover.	505 Ea.	\$550	277,750-
----	---	---------	-------	----------

(Unit Price In Written Words)

47	Manhole extra depth over six feet complete in place.	1,151. 7 VF	\$45	51,795-
----	--	-------------	------	---------

(Unit Price In Written Words)

48	Drop manhole connections, complete.	268 VF	\$45	12060-
----	-------------------------------------	--------	------	--------

(Unit Price In Written Words)

49	Additional allowance for difference in cost between standard manhole frame and covers and watertight manhole frame and covers.	10 Ea.	\$150	\$1,500-
----	--	--------	-------	----------

(Unit Price In Written Words)

50	Sheeting and shoring left in place at direction of Engineer.	65 MBM	\$200	13,000
----	--	--------	-------	--------

(Unit Price In Written Words)



<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
51	Miscellaneous mass concrete including concrete cradle for gravity sewer line or as directed by Engineer.	<u>70 CY</u>	\$ <u>65</u>	\$ <u>4550</u>
(Unit Price In Written Words)				
52	10" Air release valve chambers for four inch force main complete with piping, chamber, cover, valves, fittings, pipe saddles, excavation and backfill.	<u>4 Ea.</u>	\$ <u>750</u>	\$ <u>3000</u>
(Unit Price In Written Words)				
53	Air release valve chambers for six (6) inch force main complete with piping, chamber, cover, valves, fittings, pipe saddles, excavation and backfill.	<u>5 Ea.</u>	\$ <u>550</u>	\$ <u>2750</u>
(Unit Price In Written Words)				
54	Air release valve chambers for eight (8) inch force main complete with piping, chamber, cover, valves, fittings, pipe saddles, excavation and backfill.	<u>4 EA.</u>	\$ <u>650</u>	\$ <u>2600</u>
(Unit Price In Written Words)				
55	Connections to existing manholes complete with all fittings, concrete, etc.	<u>4 Ea.</u>	\$ <u>250</u>	\$ <u>1000</u>
(Unit Price In Written Words)				
56	Reinforced concrete base course, 10-inch thick for State roads.	<u>76 SY</u>	\$ <u>16</u>	\$ <u>1216</u>
(Unit Price In Written Words)				

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
57	Bituminous concrete binder course (ID-2A) 2" thick, State roads.	<u>6,152 SY</u>	<u>\$ 11.40</u>	<u>70,132.80</u> \$
(Unit Price In Written Words)				
58	Bituminous concrete, ID-2A, wearing course, 1" thick, State roads.	<u>6,152 SY</u>	<u>\$ 6-</u>	<u>36,912-</u> \$
(Unit Price In Written Words)				
59	Pavement replacement, CP-2 Township roads and driveways.	<u>12,172 SY</u>	<u>\$ 6-</u>	<u>73,032-</u> \$
(Unit Price In Written Words)				
60	Improved shoulder replacement.	<u>3,030 SY</u>	<u>\$ 3.50</u>	<u>10,605-</u>
(Unit Price In Written Words)				
61	Shoulder replacement (original material) for Township roads.	<u>3,400 SY</u>	<u>\$ 1-</u>	<u>\$ 3,400-</u>
(Unit Price In Written Words)				
62	2-RC stone (6" thick) driveway replacement, complete.	<u>775 SY</u>	<u>\$ 1.10</u>	<u>852.50</u>
(Unit Price In Written Words)				
63	6" force main 6" concrete encasement.	<u>93 LF</u>	<u>\$ 22.50</u>	<u>2092.50</u>
(Unit Price In Written Words)				
64	8" force main, 6" concrete encasement.	<u>15 LF</u>	<u>\$ 27-</u>	<u>\$ 405</u>
(Unit Price In Written Words)				
65	8" gravity sewer, 6" concrete encasement. (Miscellaneous Plan Sheets)	<u>698 LF</u>	<u>\$ 27</u>	<u>18,846-</u> \$
(Unit Price In Written Words)				

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
66	10" gravity sewer, 6" concrete encasement. (Miscellaneous Plan Sheets)	<u>161 LF</u>	<u>\$ 30-</u>	<u>\$4830-</u>
(Unit Price In Written Words)				
67	14" gravity sewer 6" concrete encasement.	<u>25 LF</u>	<u>\$40-</u>	<u>\$1,000</u>
(Unit Price In Written Words)				
68	Compacted select fill, complete in place, excluding topsoil and seeding (Plan Sheet No. 95).	<u>475 CY</u>	<u>\$5-</u>	<u>\$2,375</u>
(Unit Price In Written Words)				
69	Commerce Street metering station, complete in place, including flow nozzle, electrical wiring and all related items (Plan Sheet No. 2 and Detail Sheet No. 20 of Contract No. 1).	<u>Lump Sum</u>	<u>\$10,000</u>	<u>\$10,000</u>
(Unit Price In Written Words)				
70	Provide and install 24-inch CMP, 14 ga., complete in place as shown on Plan Sheet No. 14.	<u>42 LF</u>	<u>\$60-</u>	<u>\$2520-</u>
(Unit Price In Written Words)				
71	Provide and install 36" CMP, 14 gal, complete in place as shown on Plan Sheet No. 95.	<u>55 LF</u>	<u>\$75</u>	<u>\$4125</u>
(Unit Price In Written Words)				
72	Furnish and install stream crossing between but not including MH #L-2 and MH #1-3, complete with 53 LF + 12" cement lined ductile iron pipe, two supporting piers and all other items indicated.	<u>Lump Sum</u>	<u>\$6514</u>	<u>\$6514</u>
(Unit Price In Written Words)				

Item No.	Description	Estimated Quantity	Unit Price	Total Price
73	Furnish and install 18" corrugated metal storm sewer pipe, 16 gauge, complete in place as shown on Plan Sheet No. 15. (Unit Price In Written Words)	54 LF	\$40-	2160-
74	Furnish and install 36" corrugated metal storm sewer pipe, 16 gauge, complete in place as shown on Plan Sheet No. 21. (Unit Price In Written Words)	38 LF	\$75-	2850-
75	Furnish and install fill embankments complete in place compacted to 90% of optimum compaction to include 490 CY as shown on Plan Sheet No. 15 2450 CY as shown on Plan Sheet No. 21. (Unit Price In Written Words)	2,940 CY	\$5-	14700
76	Provide for the relocation of 690 ± LF of 6" PVC water line north berm of U.S. Route #30 between Sta. 38 + 35 ± and Sta. 45 + 25 ±. (Unit Price In Written Words)	Lump Sum	\$	5,000-
	Provide and install 4" thick (Min.) of topsoil, seedings, fertilizer, and mulch covering on all disturbed vegetative areas. (Unit Price In Written Words)	79,960 SY	\$3.50	279,860-
	Provide and relocate the water service line in the east berm of L.R. #340 between Sta. 5 + 75 ± and Sta. 7 + 75 ±. (Unit Price In Written Words)	Lump Sum	\$	\$5,000

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
79	Relocate and/or replace any trees, shrubs, fences, walls, signs, and all other items which conflict with the Contract work.			
	(Unit Price In Written Words)	<u>Lump Sum</u>	\$	\$ <u>5000</u>
80	Construction stake-out.			
	(Unit Price In Written Words)	<u>131,585 LF</u>	\$ <u>0.10</u>	\$ <u>13,158.50</u>
81	Television inspection of gravity sewer lines (the Owner reserves the right to eliminate all television inspection or to require television inspection.			
	(Unit Price In Written Words)	<u>57,000 LF</u>	\$ <u>0.25</u>	\$ <u>14,250-</u>
Total Contract Alternate No. 1 - Eligible Items				
(In Words)				
		\$	<u><del>3,922,191</del></u>	<u>3,892,322.40</u>

ALTERNATE NO. 1  
PIPELINE CONSTRUCTION  
INELIGIBLE ITEMS

Item No.	Description	Estimated Quantity	Unit Price	Total Price
1	4" service laterals complete in place including excavation, backfill, water-tight plugs, drop connection, testing, and restoration of unpaved surfaces or temporary paving, but, excluding permanent paving. (Unit Price In Written Words)	15,908 <del>16,200</del> LF	\$ 10-	159,080-
2	6" service laterals complet in place including excavation, backfill, water-tight plugs, frop connection, testing, and restoration of unpaved surfaces or temporary paving, but, excluding permanent paving. (Unit Price In Written Words)	40 LF	\$ 15-	\$ 600-
	Bituminous concrete binder course (ID-2A) 2" thick, State roads. (Unit Price In Written Words)	250 <del>250</del> SY	\$ 11.40	2850-
	Bituminous concrete, ID-2A, wearing course, 1" thick, State roads. (Unit Price In Written Words)	250 <del>250</del> SY	\$ 6-	\$ 1,500-
	ement replacement, CP-2 Township roads and driveways. (Unit Price In Written Words)	750 <del>750</del> SY	\$ 6-	\$ 4,500-
	1 shoulder replacement. (Unit Price In Written Words)	1,674 <del>1,674</del> SY	\$ 3.50	\$ 5,859-
	replacement (original material) ip roads. (Unit Price In Written Words)	1200 <del>1200</del> SY	\$ 1-	

ALTERNATE NO. 1

PIPELINE CONSTRUCTION

INELIGIBLE ITEMS

Item No	Description	Estimated Quantity	Unit Price	Total Price
1	4" service laterals complete in place including excavation, backfill, water-tight plugs, drop connection, testing, and restoration of unpaved surfaces or temporary paving, but, excluding permanent paving.	16,208 LF	\$	\$
(Unit Price In Written Words)				
2	6" service laterals complete in place including excavation, backfill, water-tight plugs, drop connection, testing, and restoration of unpaved surfaces or temporary paving, but, excluding permanent paving.	40 LF	\$	\$
(Unit Price In Written Words)				

Total Contract Alternate No. 1 - Ineligible Items \$ 172,809-

(In Words) \_\_\_\_\_

Type of Piping Selected:

Gravity Pipelines: \_\_\_\_\_

Pressure Sewer Pipelines: \_\_\_\_\_

Contract Alternate No. 1

Eligible Items (Total brought forward) \$ 3,922,191 3,892,322.40

Ineligible Items (Total) \$ \_\_\_\_\_

Total Bid - Contract Alternate No. 1 \$ \$ 4,095,000 4,065,131.40

(In Words) \_\_\_\_\_

DATE: \_\_\_\_\_

DER: \_\_\_\_\_

RESS: \_\_\_\_\_

SIGNED: \_\_\_\_\_